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FIG. 1

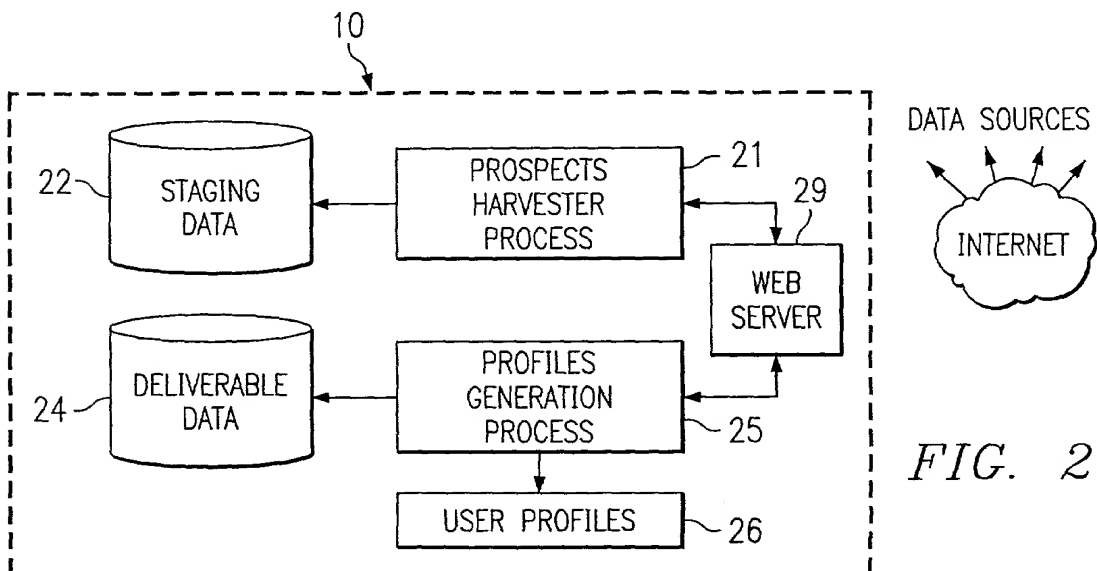
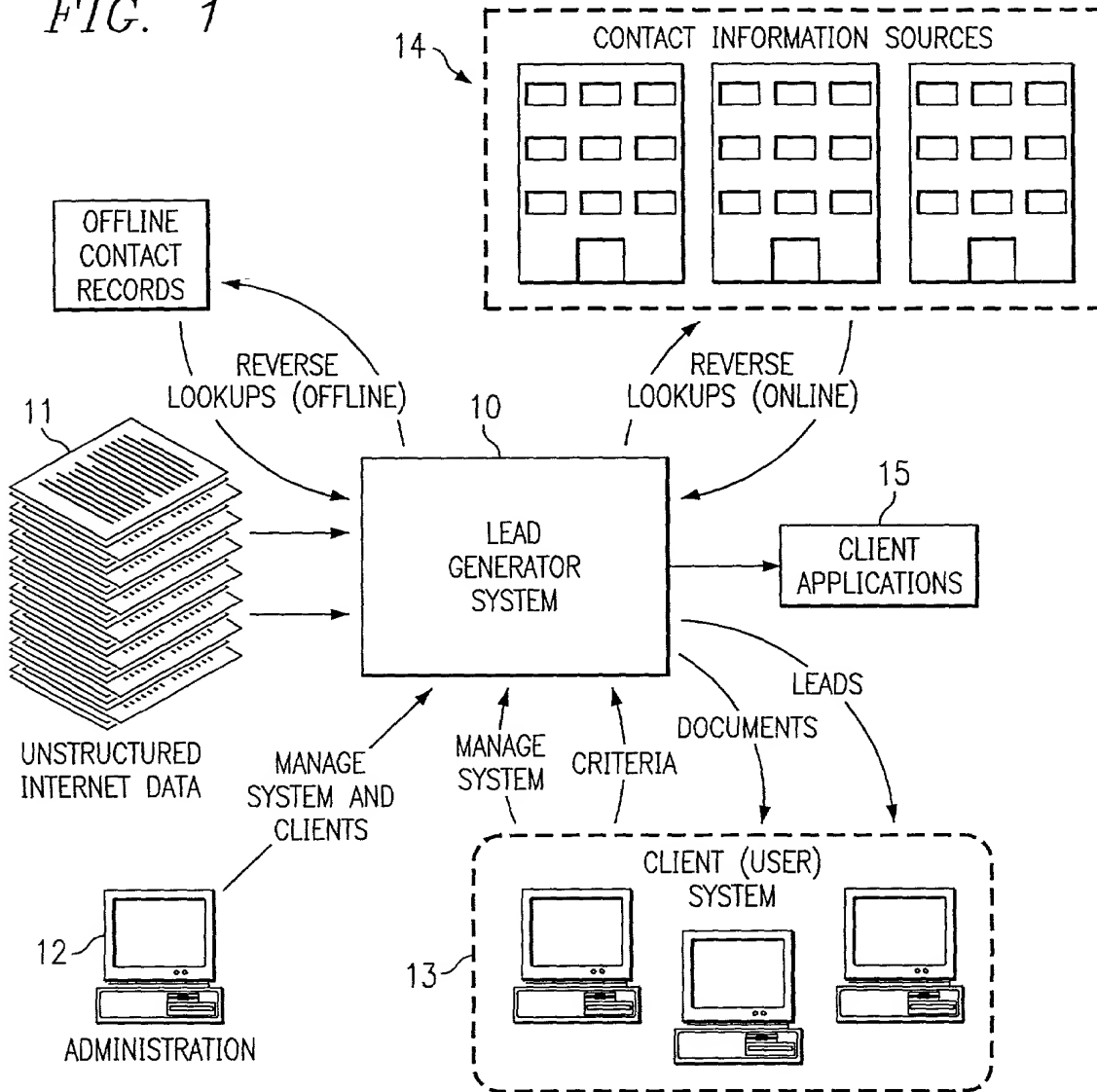


FIG. 2

TEXT MINING SYSTEM FOR WEB-BASED
BUSINESS INTELLIGENCE

Inventor: John C. Seibel, et al.

Express: EL740056761US Docket: 068082.0113

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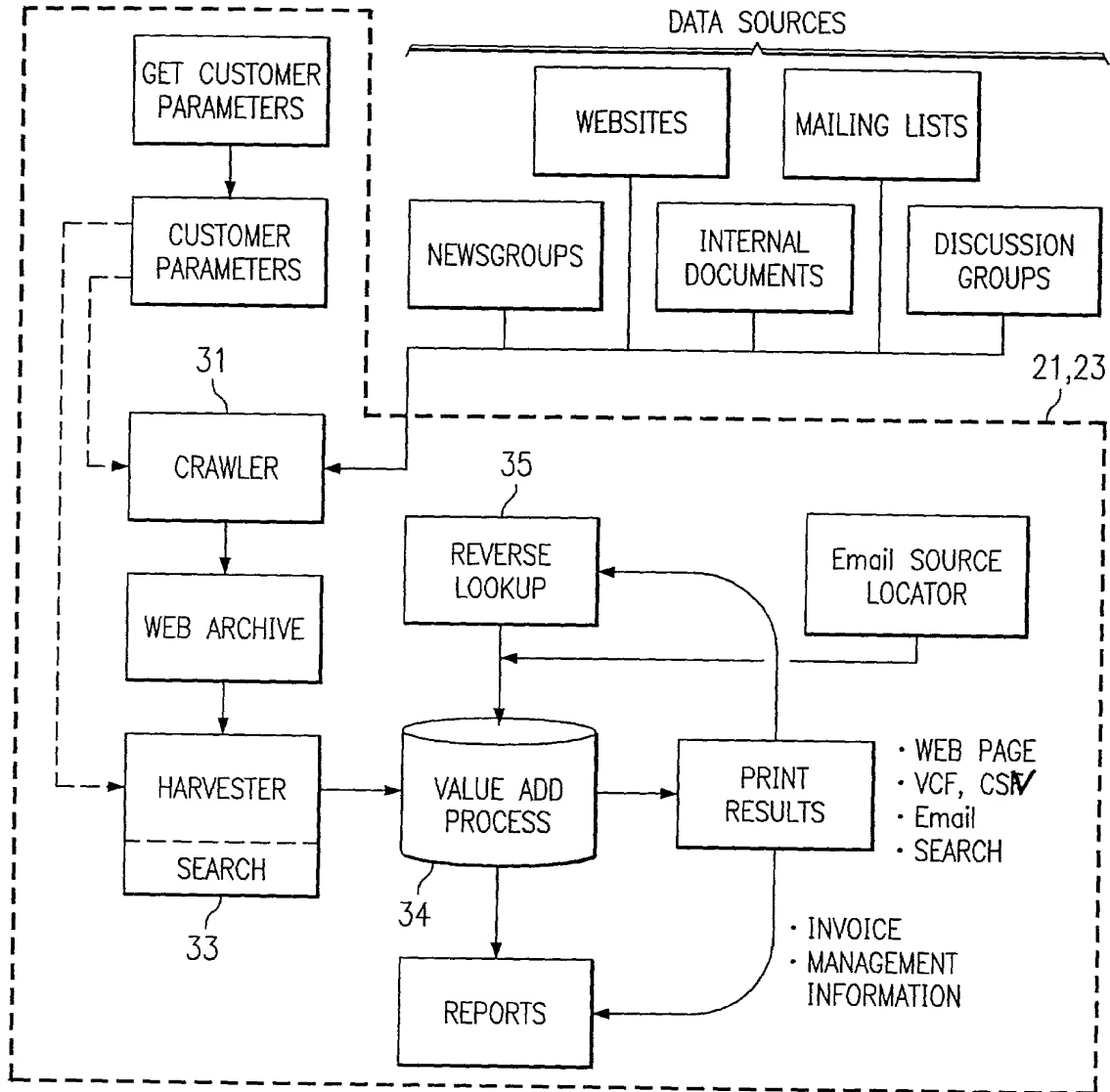


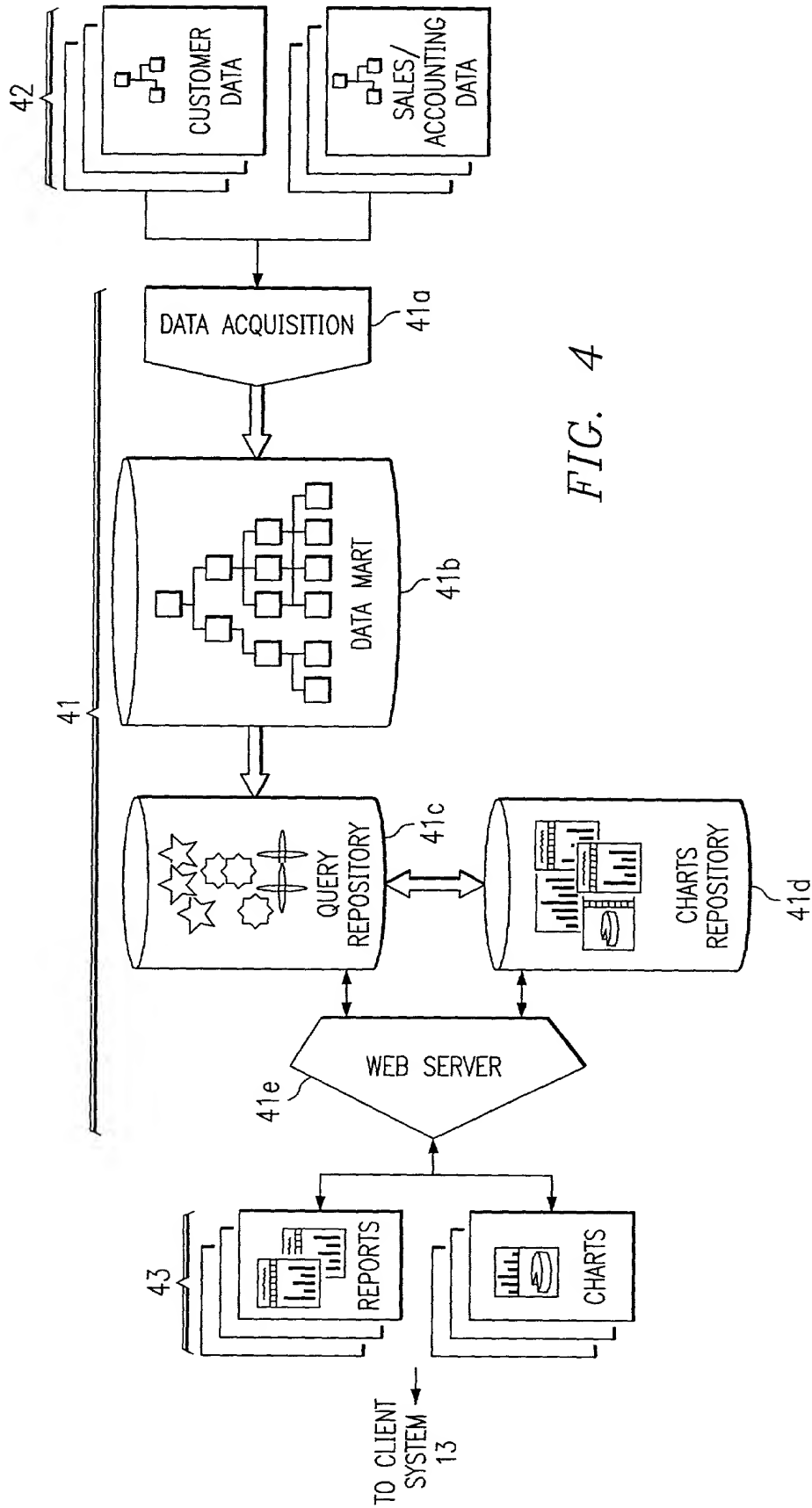
FIG. 3

TEXT MINING SYSTEM FOR WEB-BASED
BUSINESS INTELLIGENCE

Inventor: John C. Seibel, et al.

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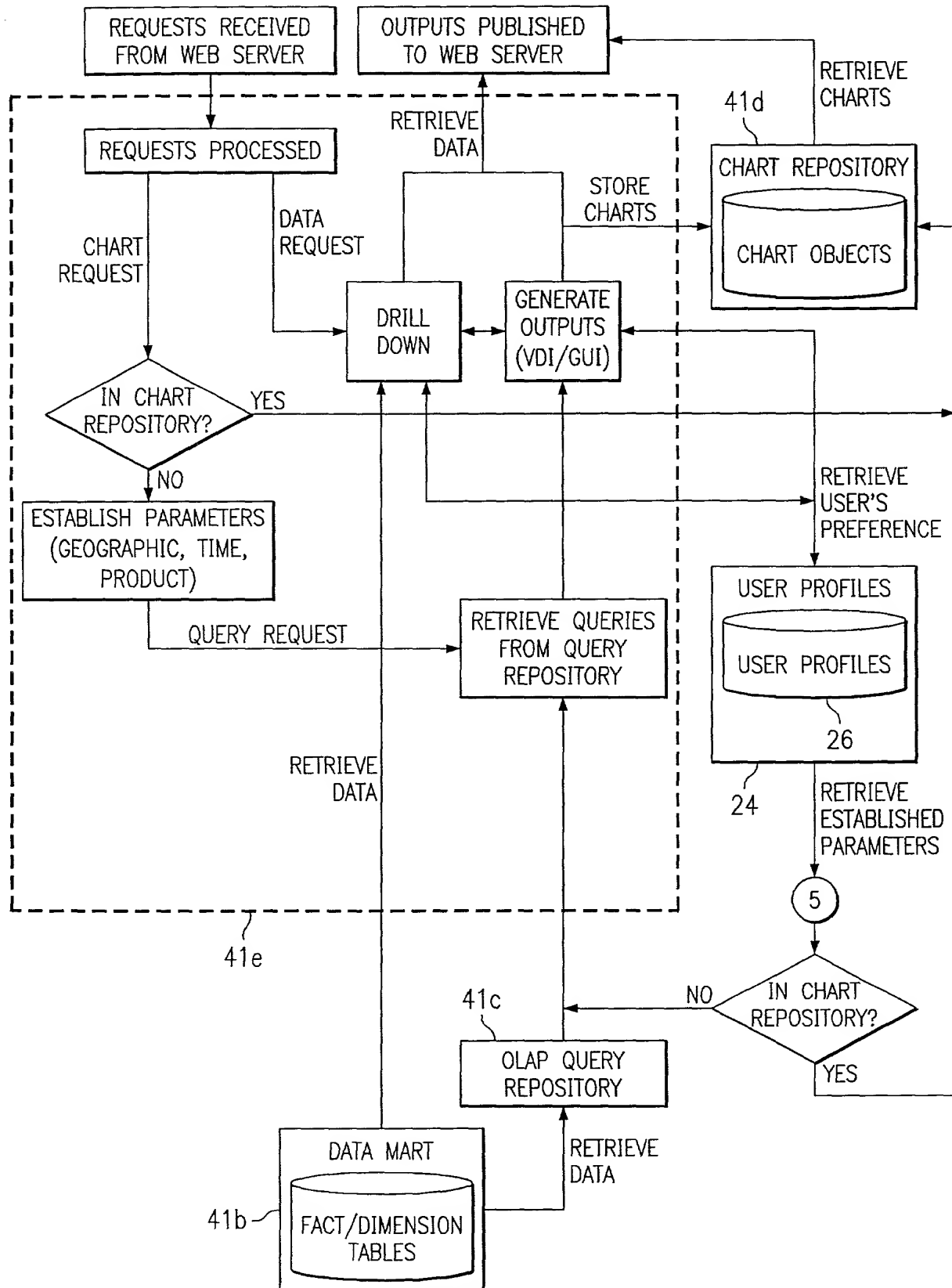
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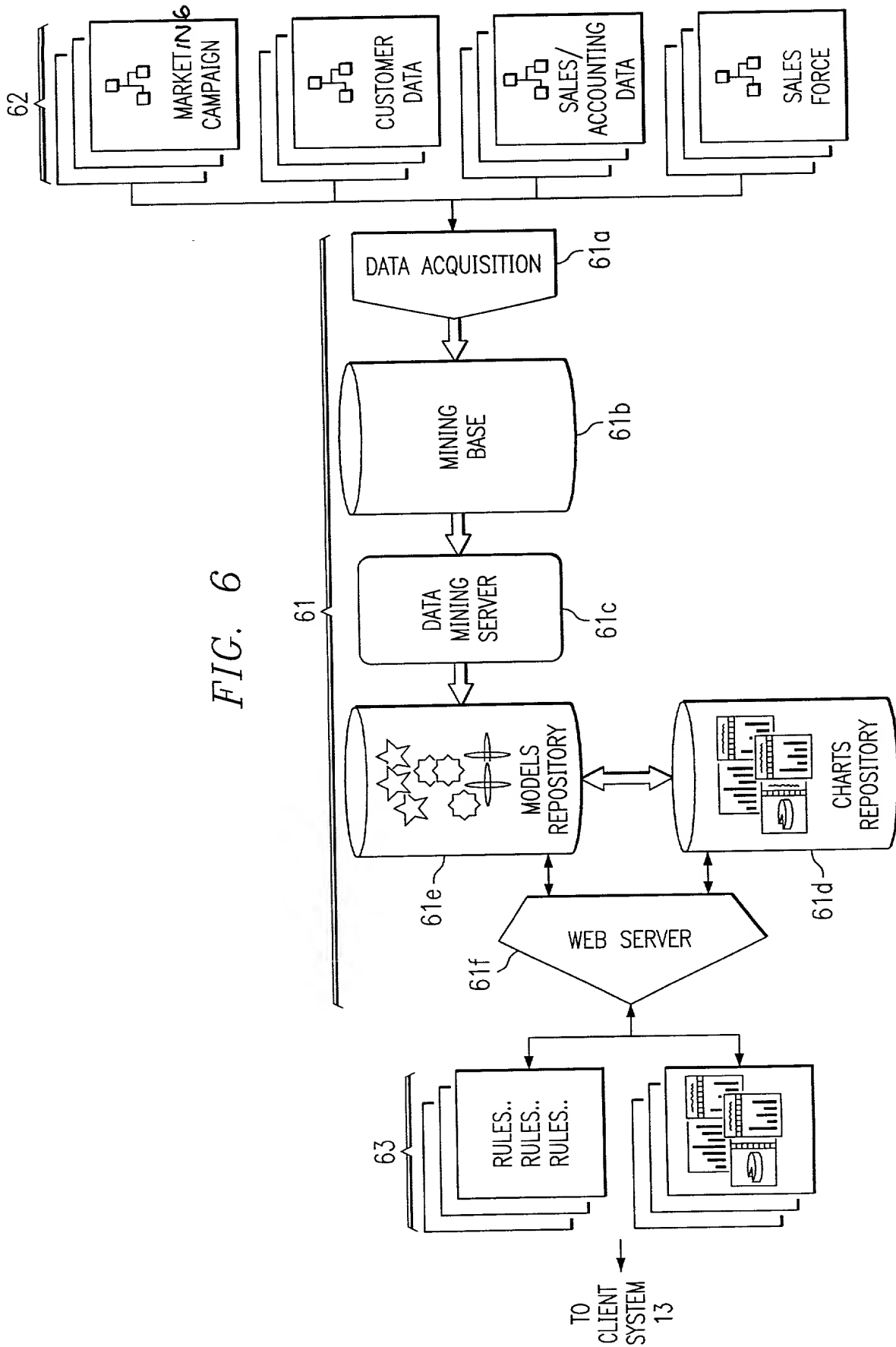
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FIG. 5

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The flowchart illustrates the system architecture and data flow. It begins with 'REQUESTS RECEIVED FROM WEB SERVER' and 'OUTPUTS PUBLISHED TO WEB SERVER' at the top. A dashed box labeled '61c' contains the core processing logic. 'REQUESTS RECEIVED FROM WEB SERVER' leads to 'REQUESTS PROCESSED'. From 'REQUESTS PROCESSED', a 'CHART REQUEST' leads to a decision diamond 'IN CHART REPOSITORY?'. If 'YES', it leads to 'DRILL DOWN'. If 'NO', it leads to 'RETRIEVE DATA', which then leads to 'RETRIEVE MODELS FROM MODEL REPOSITORY'. 'RETRIEVE MODELS FROM MODEL REPOSITORY' leads to 'RETRIEVE USER'S PREFERENCE', which then leads to 'GENERATE OUTPUTS (VDI/GUI)'. 'DRILL DOWN' and 'GENERATE OUTPUTS (VDI/GUI)' are interconnected. 'DRILL DOWN' leads to 'RETRIEVE DATA', which then leads to 'OUTPUTS PUBLISHED TO WEB SERVER'. 'GENERATE OUTPUTS (VDI/GUI)' leads to 'STORE CHARTS', which then leads to 'CHART REPOSITORY 61e'. 'CHART REPOSITORY 61e' contains 'CHART OBJECTS' and leads to 'RETRIEVE CHARTS', which then leads to 'OUTPUTS PUBLISHED TO WEB SERVER'. 'RETRIEVE CHARTS' also leads to 'RETRIEVE USER'S PREFERENCE'. 'RETRIEVE USER'S PREFERENCE' leads to 'USER PROFILES 26', which contains 'USER PROFILES'. 'USER PROFILES 26' leads to 'RETRIEVE USER HISTORY', which then leads to 'CHART REQUEST'. 'CHART REQUEST' leads to 'REQUESTS PROCESSED'. 'RETRIEVE DATA' from '61c' leads to 'DATA MINING MODEL REPOSITORY', which leads to 'RETRIEVE DATA' from '61d', which then leads to 'DATA MINING BASE 61b'. 'DATA MINING BASE 61b' contains 'MINING TABLES' and leads to 'RETRIEVE DATA' from '61d'. 'RETRIEVE DATA' from '61d' leads to 'RETRIEVE MODELS FROM MODEL REPOSITORY'. 'RETRIEVE DATA' from '61c' also leads to 'RETRIEVE MODELS FROM MODEL REPOSITORY'. 'RETRIEVE DATA' from '61c' also leads to 'DRILL DOWN'. 'RETRIEVE DATA' from '61c' also leads to 'GENERATE OUTPUTS (VDI/GUI)'. 'RETRIEVE DATA' from '61c' also leads to 'STORE CHARTS'. 'RETRIEVE DATA' from '61c' also leads to 'CHART REPOSITORY 61e'. 'RETRIEVE DATA' from '61c' also leads to 'USER PROFILES 26'. 'RETRIEVE DATA' from '61c' also leads to 'RETRIEVE USER HISTORY'. 'RETRIEVE DATA' from '61c' also leads to 'CHART REQUEST'.

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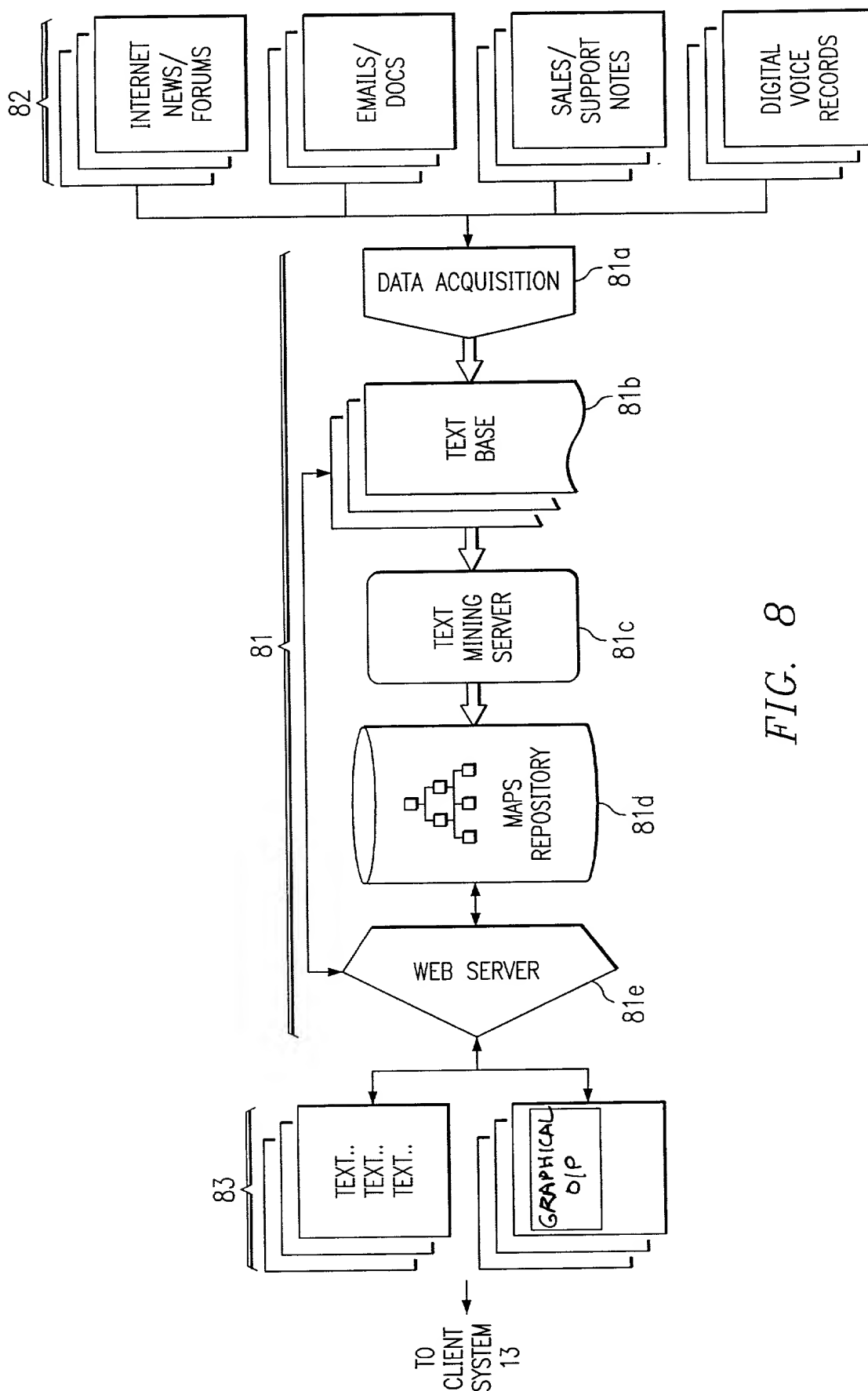
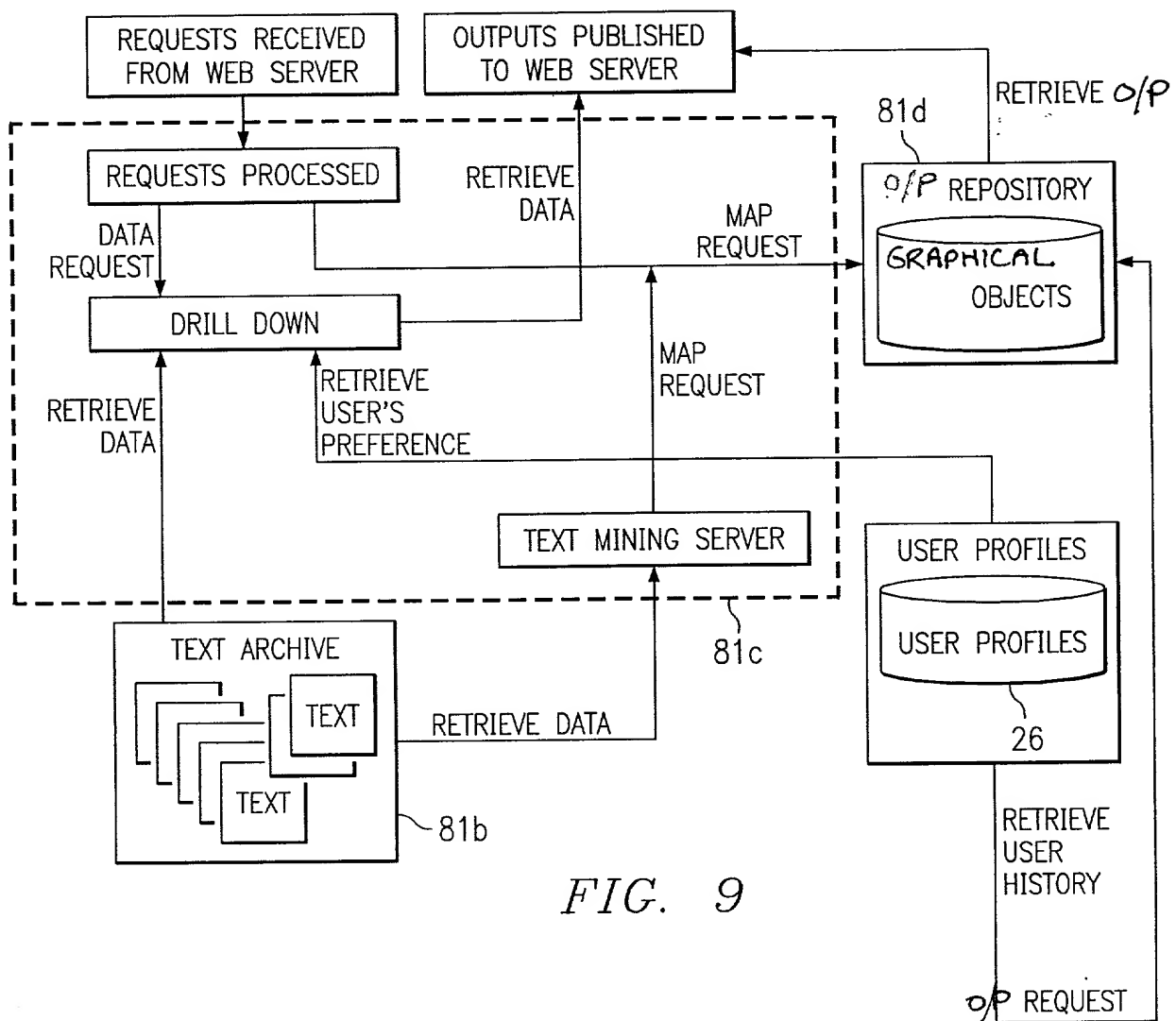


FIG. 8

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TEXT MINING SYSTEM FOR WEB-BASED
BUSINESS INTELLIGENCE

Inventor: John C. Seibel, et al.
Express: EL740056761US Docket: 068082 0113

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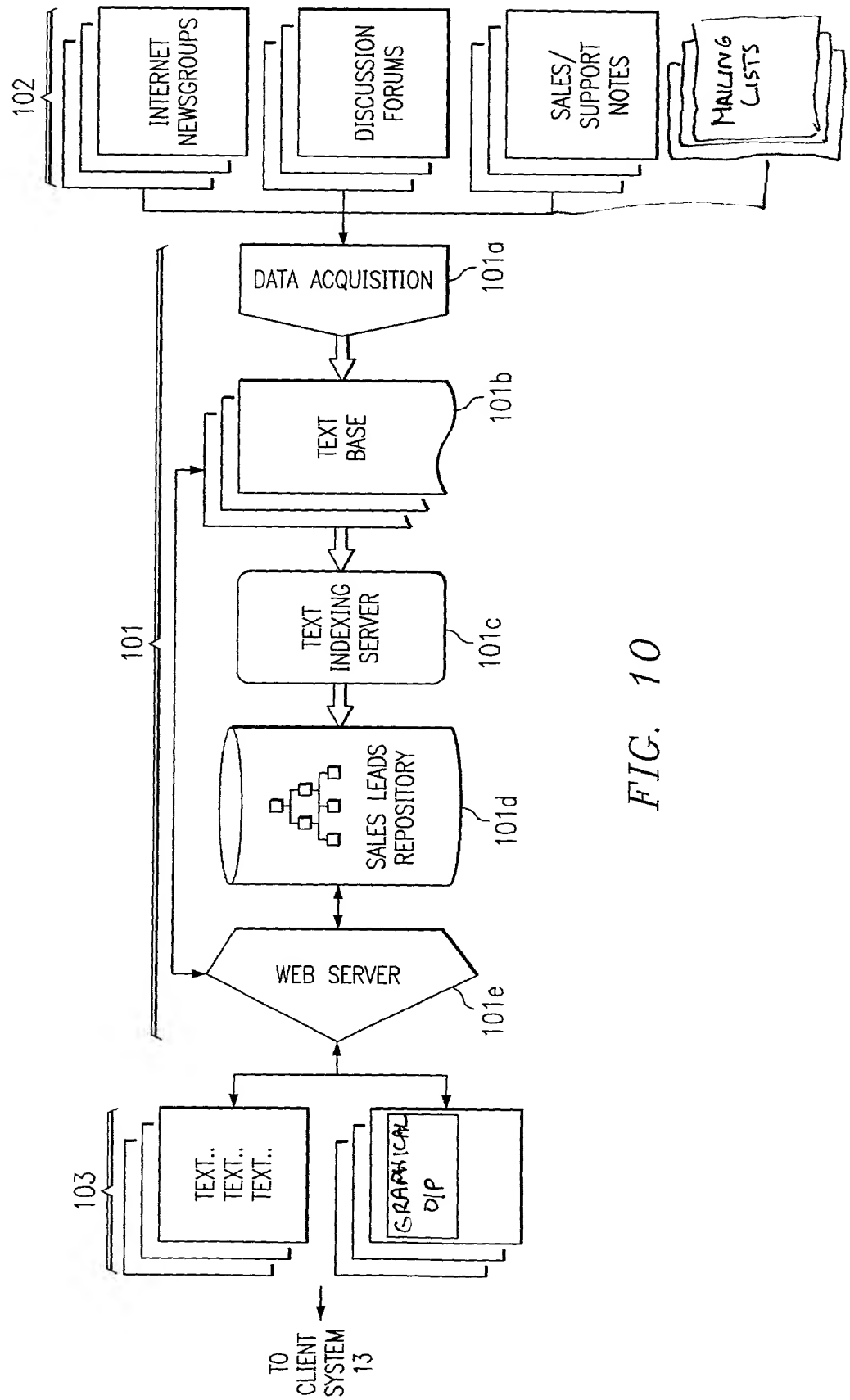
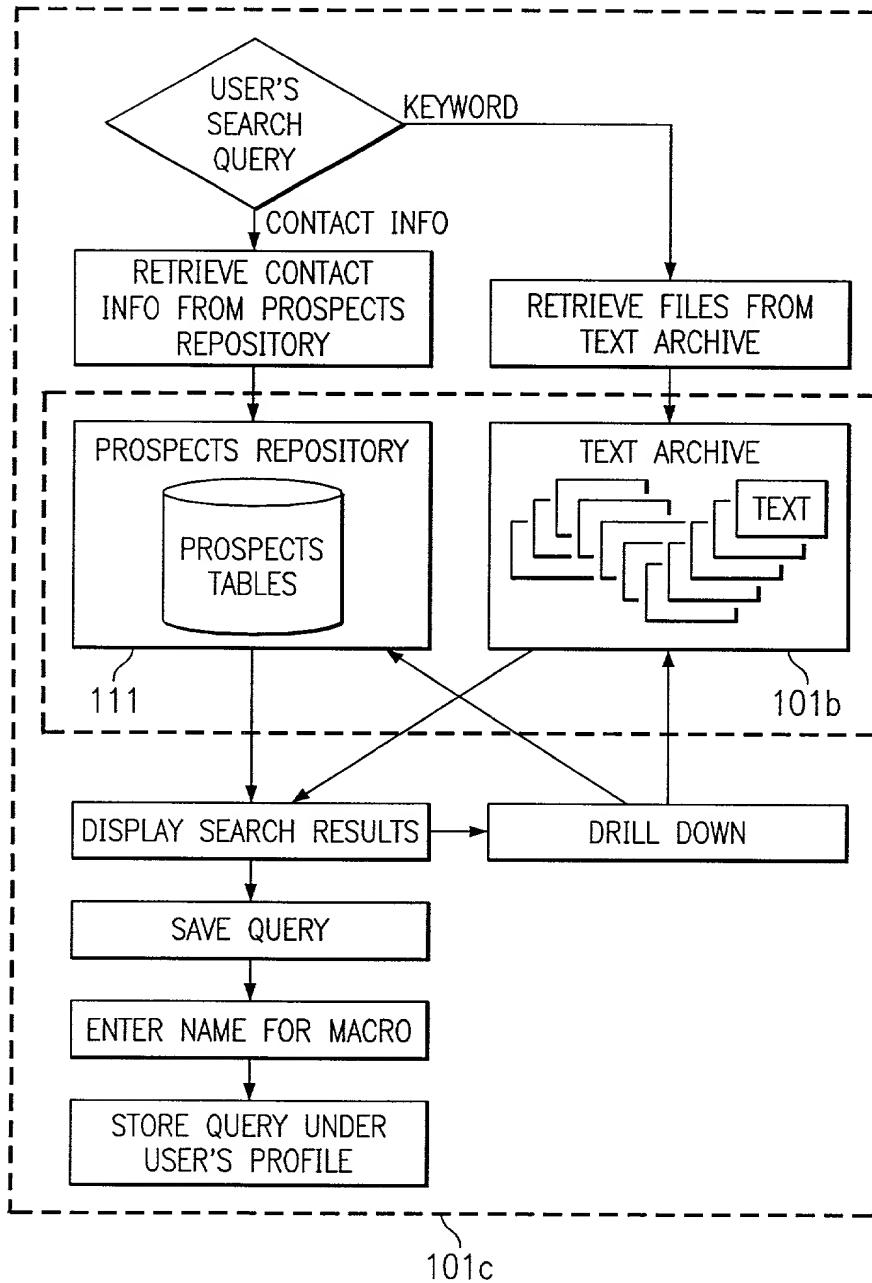


FIG. 10

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FIG. 11



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FIG. 12

